

COMBINED DECLARATION AND POWER OF ATTORNEY
FOR UTILITY PATENT APPLICATION

AS A BELOW-NAMED INVENTOR, I HEREBY DECLARE THAT:

My residence, post office address and citizenship are as stated below next to my name.

I believe I am an original, first and joint inventor (if more than one name is listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

ENHANCED IMMUNOGENICITY USING LEUKOTOXIN CHIMERAS
the specification of which

(check one) is attached hereto
 was filed on * 19*

as application serial no. * and was amended on * (if applicable).

I HAVE REVIEWED AND UNDERSTAND THE CONTENTS OF THE ABOVE-
IDENTIFIED SPECIFICATION, INCLUDING THE CLAIMS, AS AMENDED BY ANY
AMENDMENT REFERRED TO ABOVE.

I acknowledge and understand that I am an individual who has a duty to disclose information which is material to the patentability of the claims of this application in accordance with Title 37, Code of Federal Regulations, §§ 1.56(a) and (b) which state:

(a) A patent by its very nature is affected with a public interest. The public interest is best served, and the most effective patent examination occurs when, at the time an application is being examined, the Office is aware of and evaluates the teachings of all information material to patentability. Each individual associated with the filing and prosecution of a patent application has a duty of candor and good faith in dealing with the Office, which includes a duty to disclose to the Office all information known to that individual to be material to patentability as defined in this section. The duty to disclose information exists with respect to each pending claim until the claim is cancelled or withdrawn from consideration, or the application becomes abandoned. Information material to the patentability of a claim that is cancelled or withdrawn from consideration need not be submitted if the information is not material to the patentability of any claim remaining under consideration in the application. There is no duty to submit information which is not material to the patentability of any existing claim. The duty to disclose all information known to be material to patentability is deemed to be satisfied if all information known to be material to patentability of any claim issued in a patent was cited by the Office or submitted to the Office in the manner prescribed by §§ 1.97(b)-(d) and 1.98. However, no patent will be granted on an application in connection with which fraud on the Office was practiced or attempted or the duty of disclosure was violated through bad faith or intentional misconduct. The Office encourages applicants to carefully examine:

(1) prior art cited in search reports of a foreign patent office in a counterpart application, and

(2) the closest information over which individuals associated with the filing or prosecution of a patent application believe any pending claim patentably defines, to make sure that any material information contained therein is disclosed to the Office.

(b) Under this section, information is material to patentability when it is not cumulative to information already of record or being made of record in the application, and

(1) It establishes, by itself or in combination with other information, a prima facie case of unpatentability of a claim; or

(2) It refutes, or is inconsistent with, a position the applicant takes in:

- (i) Opposing an argument of unpatentability relied on by the Office, or
- (ii) Asserting an argument of patentability.

A prima facie case of unpatentability is established when the information compels a conclusion that a claim is unpatentable under the preponderance of evidence, burden-of-proof standard, giving each term in the claim its broadest reasonable construction consistent with the specification, and before any consideration is given to evidence which may be submitted in an attempt to establish a contrary conclusion of patentability.

I do not know and do not believe this invention was ever known or used in the United States of America before my or our invention thereof, or patented or described in any printed publication in any country before my or our invention thereof or more than one year prior to said application. This invention was not in public use or on sale in the United States of America more than one year prior to this application. This invention has not been patented or made the subject of an inventor's certificate issued before the date of this application in any country foreign to the United States of America on any application filed by me or my legal representatives or assigns more than six months prior to this application.

I hereby appoint the following attorneys and agents to prosecute that application and to transact all business in the Patent and Trademark Office connected therewith and to file, to prosecute and to transact all business in connection with all patent applications directed to the invention:

Dianne E. Reed, Reg. No. 31,292
Roberta L. Robins, Reg. No. 33,208

Address all correspondence to: Dianne E. Reed

REED & ROBINS
635 Bryant Street
Palo Alto, CA 94301

Address all telephone calls to: Roberta L. Robins at (415) 617-8999.

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under § 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Full Name Inventor: Andrew A. Potter

Signature: Andrew Potter

Date October 9, 1992

Residence: Saskatoon, Saskatchewan, Canada

Citizenship: Canada

Post Office Address: 521 Dalhousie Crescent, Saskatoon, Saskatchewan, Canada

Full Name Inventor: Mark J. Redmond

Signature: Mark Redmond

Date 9th October, 1992

Residence: Saskatoon, Saskatchewan, Canada

Citizenship: Canada

Post Office Address: 18 Harrington Place, Saskatoon, Saskatchewan, Canada

Full Name Inventor: Huw P.A. Hughes

Signature: Huw P.A. Hughes

Date Oct 9, 1992

Residence: Saskatoon, Saskatchewan, Canada

Citizenship: Great Britain

Post Office Address: 903 Arlington Avenue, Saskatoon, Saskatchewan, Canada

Atty Dkt 9001-0016.01
PATENT

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I hereby certify that this paper or fee is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 C.F.R. § 1.10 on the date indicated above and is addressed to the Assistant Commissioner for Patents, Washington, D.C. 20231.

PATRICIA K HIMENES
Typed or Printed Name/Person Mailing Paper or Fee

Patricia K. Himenes
Signature of Person Mailing Paper or Fee

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In Re Application of:

ANDREW A. POTTER et al.

Serial No.: CON of 08/455,970 Group Art Unit: Unassigned

Filing Date: Even date Examiner: Unassigned

Title: ENHANCED IMMUNOGENICITY USING LEUKOTOXIN CHIMERAS

STATEMENT TO SUPPORT FILING AND SUBMISSION IN ACCORDANCE
WITH 37 C.F.R. §§ 1.821-1.825

Assistant Commissioner for Patents
Washington, D.C. 20231

Sir:

The undersigned hereby states that the content of the attached papers and the computer-readable copy of the Sequence Listing, submitted in accordance with 37 C.F.R. §§ 1.821(c) and (e), respectively, are the same.

Respectfully submitted,

Date: 11/24/97

By: Roberta L. Robins
Roberta L. Robins
Registration No. 33,208

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Date of Deposit NOVEMBER 24, 1997

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PATRICIA K. HERNANDEZ
Typed or Printed Name of Person Mailing Paper or Fee

$\mathcal{D}_1 = \{1, 2\}$

Patricia K. Annexes
Signature of Person Mailing Paper or Fee

Signature of Person Mailing Paper or Fee

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Serial No.: CON of 08/455,970 Group Art Unit: Unassigned

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SUBMISSION OF FORMAL DRAWINGS

Assistant Commissioner for Patents
Washington, D.C. 20231

Attention: Official Draftsman

Sir:

Enclosed are 45 sheet(s) of formal drawings in connection with the above identified case.

Respectfully submitted,

Date: 11/24/97

By: Robert L. Miller

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Registration No. 33,208

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